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c (angstroms)	
Between: 90 and 90	
alpha (degrees)	
Between: 90 and 90	
beta (degrees)	
Between: 90 and 90	
gamma (degrees)	

☒ 13 Structures

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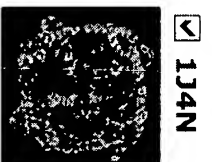
P4322



Characteristics
Classification
Compound
Authors

APO OVOTRANSFERRIN
Release Date: 29-Apr-1998 Exp. Method: X Ray Diffraction
Resolution: 3.00 Å
Iron Transport Protein
Mol. Id: 1 Molecule: Ovotransferrin
Kurokawa, H., Dewan, J.C., Mikami, B., Sacchetti, J.C., Hirose, M.

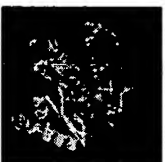
I422



Characteristics
Classification
Compound
Authors

Crystal Structure of the AQP1 water channel
Release Date: 27-Mar-2002 Exp. Method: X Ray Diffraction
Resolution: 2.20 Å
Membrane Protein
Mol. Id: 1 Molecule: Aquaporin 1
Sui, H., Han, B.G., Lee, J.K., Walian, P., Jap, B.K.

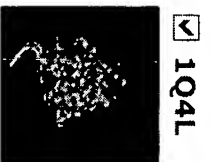
I422



Characteristics
Classification
Compound
Authors

Structural Genomics, Hypothetical protein in SIGY-CYDD intergenic region
Release Date: 14-Aug-2002 Exp. Method: X Ray Diffraction
Resolution: 1.60 Å
Structural Genomics Unknown Function
Mol. Id: 1 Molecule: Hypothetical 29.9 Kda Protein in Sigy Cydd Intergenic Region
Zhang, R.G., Grembecka, J., Vinokour, E., Collart, F., Dementieva, I., Minor, W., Joachimiak, A.

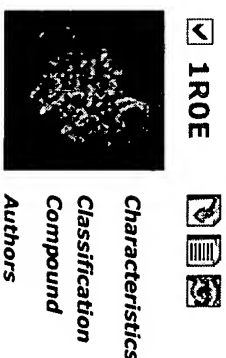
P212121



Characteristics
Classification
Compound
Authors

GSK-3 Beta complexed with Inhibitor I-5
Release Date: 14-Oct-2003 Exp. Method: X Ray Diffraction
Resolution: 2.77 Å
Transferase
Mol. Id: 1 Molecule: Glycogen Synthase Kinase 3 Beta
Bertrand, J.A., Thierffine, S., Vulpetti, A., Cristiani, C., Valsasina, B., Knapp, S., Kalisz, H.M., Flocco, M.

P212121



Glycogen synthase kinase-3 beta in complex with 3-indolyl-4-arylmaleimide inhibitor

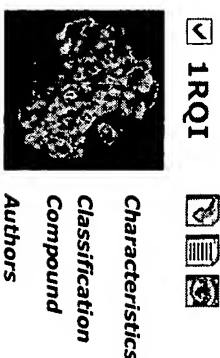
Release Date: 12-Oct-2004 Exp. Method: X Ray Diffraction
Resolution: 2.25 Å

Transferase

Mol. Id: 1 Molecule: Glycogen Synthase Kinase 3 Beta
Allard, J., Nikolcheva, T., Gong, L., Wang, J., Dunten, P., Avnur, Z., Waters, R., Sun, Q., Skinner, B.

P4122

Not disclosed by
instant
applicants + →



Active Conformation of Farnesyl Pyrophosphate Synthase Bound to Isopentyl Pyrophosphate and Dimethylallyl S-Thiolodiphosphate

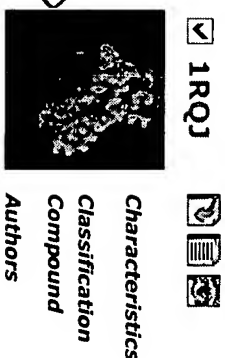
Release Date: 02-Mar-2004 Exp. Method: X Ray Diffraction
Resolution: 2.42 Å

Transferase

Mol. Id: 1 Molecule: Geranyltransferase
Hosfield, D.J., Zhang, Y., Dougan, D.R., Brooun, A., Tari, L.W., Swanson, R.V., Finn, J.

P4122

The instant
application ⇒



Active Conformation of Farnesyl Pyrophosphate Synthase Bound to Isopentyl Pyrophosphate and Risedronate

Release Date: 02-Mar-2004 Exp. Method: X Ray Diffraction
Resolution: 1.95 Å

Transferase

Mol. Id: 1 Molecule: Geranyltransferase
Hosfield, D.J., Zhang, Y., Dougan, D.R., Brooun, A., Tari, L.W., Swanson, R.V., Finn, J.

☒ 1RYX



Crystal structure of hen serum transferrin in apo- form

Release Date: 13-Jul-2004 Exp. Method: X Ray Diffraction

Resolution: 3.50 Å

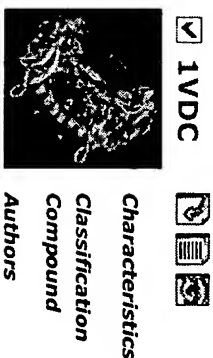
Metal Transport

Mol. Id: 1 Molecule: Ovotransferrin

Thakurta, P.G., Choudhury, D., Dasgupta, R., Dattagupta, J.K.

P43212

P41212



STRUCTURE OF NADPH DEPENDENT THIOREDOXIN REDUCTASE

Release Date: 12-Mar-1997 Exp. Method: X Ray Diffraction

Resolution: 2.50 Å

Oxidoreductase

Mol. Id: 1 Molecule: NADPH Dependent Thioredoxin Reductase

Dai, S., Saarinen, M., Ramaswamy, S., Meyer, Y., Jacquot, J.P., Eklund, H.

p4322



1YKH



Characteristics

Release Date: 22-Feb-2005 Exp. Method: X Ray Diffraction
Resolution: 3.00 Å

Classification

Gene Regulation

Mol. Id: 1 Molecule: RNA Polymerase II Mediator Complex Protein Med7

Fragment: Residues 102-205 Mol. Id: 2 Molecule: RNA Polymerase II Holoenzyme

Component Srb7 Mutation: LSM, L119M, L125M

Compound

Authors

Baumli, S., Hoepfner, S., Cramer, P.

1 2 ↔

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1ZP6



Characteristics
Classification
Compound
Authors

Crystal Structure of Atu3015, a Putative Cytidylate Kinase from Agrobacterium tumefaciens, Northeast Structural Genomics Target Atr62

Release Date: 24-May-2005 Exp. Method: X Ray Diffraction
Resolution: 3.20 Å

Structural Genomics Unknown Function

Mol. Id: 1 Molecule: Hypothetical Protein Atu3015
Forouhar, F., Abashidze, M., Vorobiev, S.M., Kuzin, A., Conover, K., Acton, T.B., Montelione, G.T., Hunt, J.F., Tong, L.

The structure of nucleosome assembly protein suggests a mechanism for histone binding and shuttling

Release Date: 07-Feb-2006 Exp. Method: X Ray Diffraction

Resolution: 3.00 Å

Chaperone

Mol. Id: 1 Molecule: Nucleosome Assembly Protein
Park, Y.J., Luger, K.

Crystal structure of a complex between PTP1B and the insulin receptor tyrosine kinase

Release Date: 15-Nov-2005 Exp. Method: X Ray Diffraction

Resolution: 2.30 Å

Hydrolase/transferase

Mol. Id: 1 Molecule: Tyrosine Protein Phosphatase Non Receptor Type 1 Mol. Id: 2
Molecule: Insulin Receptor Fragment: Protein Kinase

Li, S., Depetris, R.S., Barford, D., Chernoff, J., Hubbard, S.R.

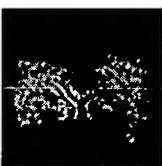
2AYU



Characteristics
Classification
Compound
Authors

P4₃ 2₁ 2

2B4S



Characteristics
Classification
Compound
Authors

P2₁ 2₁ 2₁

1 2

STN search
10/651668

(unit cell dimensions)

=> d his

(FILE 'HOME' ENTERED AT 16:25:07 ON 01 MAR 2006)

FILE 'CAPLUS' ENTERED AT 16:25:39 ON 01 MAR 2006

L1 1840516 S PROTEIN
L2 1805951 S ?CRYSTAL?
L3 52256 S L1 AND L2
L4 649 S L3 AND (UNIT CELL DIMENSION#)
L5 25 S L4 AND 88
L6 2 S L5 AND 174
L7 ~~26 S L3 AND 14122~~
L8 ~~666 S L3 AND TETRAGONAL~~
L9 ~~26 S L7 AND L3~~
L10 ~~0 S L6 AND L8~~

=> d L6 1-2

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1998:463974 CAPLUS

DN 129:199494

TI An internal affinity-tag for purification and crystallization of
the siderophore receptor FhuA, integral outer membrane protein
from Escherichia coli K-12

AU Ferguson, Andrew D.; Breed, Jason; Diederichs, Kay; Welte, Wolfram;
Coulton, James W.

CS Department of Microbiology and Immunology, McGill University, Montreal,
QC, H3A 2B4, Can. →

SO Protein Science (1998), 7(7), 1636-1638 Mar, 6, 9, 98

CODEN: PRCIEI; ISSN: 0961-8368

PB Cambridge University Press

DT Journal

LA English

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1998:224997 CAPLUS

DN 128:318765

TI Crystallization of NAD⁺-dependent phenylalanine dehydrogenase
from Nocardia sp239

AU Pasquo, A.; Britton, K. L.; Baker, P. J.; Brearley, G.; Hinton, R. J.;
Moir, A. J. G.; Stillman, T. J.; Rice, D. W.

CS Krebs Institute for Biomolecular Research, Department of Molecular Biology
and Biotechnology, University of Sheffield, Sheffield, S10 2TN, UK →

SO Acta Crystallographica, Section D: Biological Crystallography (1998),
D54(2), 269-272 Mar 1

CODEN: ABCRE6; ISSN: 0907-4449

PB Munksgaard International Publishers Ltd.

DT Journal

LA English

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

unit cell dimension of
 $a = b = 174 \text{ \AA}$
 $c = 88 \text{ \AA}$
 $\alpha = \beta = 90^\circ, \gamma = 120^\circ$

$a = b = 111.0 \text{ \AA}$
 $c = 174.5 \text{ \AA}$
 $\alpha = \beta = 90^\circ$
 $\gamma = 120^\circ$